

Title (en)

DISHWASHER WITH SORPTION DRYING DEVICE

Title (de)

GESCHIRRSPÜLMASCHINE MIT SORPTIONSTROCKENVORRICHTUNG

Title (fr)

LAVE-VAISSELLE ÉQUIPÉ D'UN DISPOSITIF DE SÉCHAGE À SORPTION

Publication

EP 2326235 B1 20150909 (DE)

Application

EP 09781147 A 20090728

Priority

- EP 2009059693 W 20090728
- DE 102008040789 A 20080728
- DE 102008039900 A 20080827

Abstract (en)

[origin: WO2010012698A1] The drying device of a dishwasher (GS) has at least one sorption enclosure (SB) with reversibly dehydratable sorption material (ZEO). This enclosure is connected via at least one air duct (LK) to the rinsing enclosure (SPB) of the dishwasher. One or more flow conditioning elements (SK) are provided with one or more air passages (SL) in the sorption enclosure (SB) and/or in an inlet-side tube portion (VA, ES) of the air duct (LK), in particular after at least one fan unit (LT) inserted into the air duct (LK), in such a way as to achieve the effect of obtaining a uniform local flow cross-section profile of the air flow (LS1) when it flows through the sorption enclosure (SB) in the throughflow direction (DSR) thereof.

IPC 8 full level

A47L 15/48 (2006.01)

CPC (source: EP US)

A47L 15/4291 (2013.01 - EP US); **A47L 15/481** (2013.01 - EP US); **Y02B 40/00** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010012698 A1 20100204; AU 2009275996 A1 20100204; AU 2009275996 B2 20140626; CN 102105097 A 20110622;
CN 102105097 B 20140305; EP 2326235 A1 20110601; EP 2326235 B1 20150909; JP 2011528969 A 20111201; NZ 589938 A 20130726;
RU 2011103991 A 20120910; RU 2011105098 A 20120910; RU 2011105760 A 20120910; RU 2531266 C2 20141020;
RU 2536552 C2 20141227; US 2011120510 A1 20110526; US 9078557 B2 20150714

DOCDB simple family (application)

EP 2009059693 W 20090728; AU 2009275996 A 20090728; CN 200980129195 A 20090728; EP 09781147 A 20090728;
JP 2011520456 A 20090728; NZ 58993809 A 20090728; RU 2011103991 A 20090728; RU 2011105098 A 20090728;
RU 2011105760 A 20090727; US 200913003879 A 20090728